UNITED STATES HAMMOND DRAW QUADRANGLE **OPEN FILE REPORT 79-011** DEPARTMENT OF THE INTERIOR MONTANA-ROSEBUD CO. **PLATE 14 OF 16** GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°22′30″ 45°52′30″ 4775 IV NE (JOHN HEN CREEK) R. 44 E R. 43 E. OPEN-FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. **EXPLANATION** -100--OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 100 feet (30.5 m). BOUNDARY OF COAL 5 FEET OR MORE THICK-Drawn along the outcrop of coal bed and/or the inferred 10 10 11 contact between burned and unburned coal, and/or the 12 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick. MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit. 0 296 DRILL HOLE—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. 15 To convert feet to meters, multiply feet by 0.3048. 17 16 18 15 14 13 To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842. 22 20 23 24 19 21 22 27 26 25 30 29 28 35 31 32 33 34 47'30" T. 1 N. T. 1 S. 0 296 10 11 12 12 14 15 13 18 17 16 Base map from U.S. Geological Survey, 1971 13 Compiled in 1977

Corporation of the state o (ASHLAND NE) 4775 III NE SCALE 1:24000

COAL RESOURCE OCCURRENCE MAP OF THE HAMMOND DRAW QUADRANGLE,
ROSEBUD COUNTY, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 14

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE BURLEY COAL BED